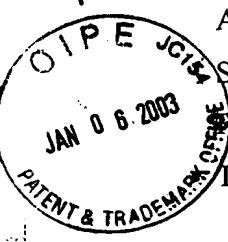


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P. Deloach
01/17/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



APPLICANTS: Hiroshi Kyusojin, et al.

SERIAL NO: 09/761,865

FILED: January 17, 2001

TITLE: METHOD AND APPARATUS FOR PACKET TRANSMISSION AND
BANDWIDTH GUARANTEEING METHOD

AU: 2661

RECEIVED

Assist. Commissioner of Patents
Washington, D.C. 20231

JAN 07 2003

REVOCATION AND POWER OF ATTORNEY Technology Center 2600

Dear Sir:

SONY CORPORATION, a Japanese Corporation, having a place of business at 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141, Japan and owner of the above-referenced patent application, hereby revokes all former appointments of powers of attorney and hereby appoints the following attorneys to transact all business in the United States Patent and Trademark Office connected herewith:

Terrence M. Brennan, Reg. No. 42,360
Thomas J. Burton, Reg. No. 47,464
Matthew M. Catlett, Reg. No. 44,067
Jeffrey F. Craft, Reg. No. 30,044
D. Andrew Floam, Reg. No. 34,597
Brian J. Gill, Reg. No. 46,727
Gregory Gulliver, Reg. No. 44,138
John F. Griffith, Reg. No. 44,137
Kevin W. Guynn, Reg. No. 29,927
Jennifer Hammond, Reg. No. 41,814
Marc E. Hankin, Reg. No. 38,908
Lana Knedlik, Reg. No. 42,748
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Mark H. Krietzman, Reg. No. 41,128
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Alison P. Schwartz, Reg. No. 43,863
Jordan A. Sigale, Reg. No. 39,028
Janelle D. Strode, Reg. No. 34,738
Vincent Tassinari, Reg. No. 42,179
Shashank S. Upadhye, Reg. No. P48,209

of the firm:

SONNENSCHEIN NATH & ROSENTHAL
P.O. Box 061080
Wacker Drive Station - Sears Tower
Chicago, Illinois 60606-1080
(312) 876-8000 telephone
(312) 876-7934 facsimile

to which all correspondence is to be directed.

The undersigned hereby states that I am empowered to sign this Revocation and Power of Attorney on behalf of SONY CORPORATION and certify that an assignment of the subject application to SONY CORPORATION was recorded with the United States Patent and Trademark Office on June 1, 2001 at Reel/Frame 011850/0818; that I have reviewed all the documents in the chain of title in the subject application and to the best of my knowledge and belief, title is in the name of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application.

Signature: Keisuke Tanaka Date: October 25, 2001

Name: Keisuke Tanaka
(Print)

Title: Manager, Intellectual Property Div.

06-05-2001

FORM PTO-1595

R



ET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark

1/31/92
Office

101739017

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

HIROSHI KYUSOJIN
ATSUSHI ONOE

Additional name(s) of conveying party(ies) attached?

 Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of

Name

 Other _____
Execution Date May 16, 2001

2. Name and address of receiving party(ies):

Name: Sony Corporation

JUN 1

Internal Address: _____

7-35, Kitashinagawa 6-chomeShinagawa-ku, Tokyo 141, Japan

Street Address: _____

City: _____ State: _____ Zip: _____

Additional Name(s) & Address(es) attached Yes No

4. Application (number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

U.S. Serial No. 09/761,865 filed January 17, 2001
 Old Attorney Docket No. SONY-T1089
 New Attorney Docket No. 09792909-4886

B: Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

SONNENSCHEIN NATH & ROSENTHAL
 P.O. Box #061080
 Wacker Drive Station
 Sears Tower
 Chicago, IL 60606-1080
 Customer ID No. 26263

6. Total number of applications and patents involved

17. Total Fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to deposit account any Additional fees

8. Deposit Account Number:

19.3140

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David R. Metzger
Name of Person Signing

Signature

May 29, 2001

Date

Total number of pages 3

Mail documents to be recorded and required cover sheet information to:

Commissioner of Patents and Trademarks
 Box Assignments
 Washington, D.C. 20231+

06/05/2001 GT0N11 00000031 09761865

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ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in METHOD AND APPARATUS FOR PACKET TRANSMISSION AND BANDWIDTH GUARANTEEING METHOD

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 09/761,865 Filing Date: January 17, 2001.

This assignment executed on the dates indicated below.

HIROSHI KYUSOJIN

Name of first or sole inventor

KANAGAWA, JAPAN

Execution date of U.S. Patent Application

Residence of first or sole inventor

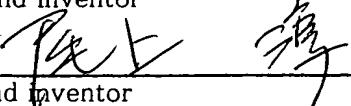
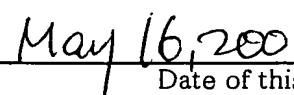
Hirosi Kyusojin

Signature of first or sole inventor

May 16, 2001

Date of this assignment

ATSUSHI ONOE

Name of second inventor	Execution date of U.S. Patent Application
KANAGAWA, JAPAN	
Residence of second inventor	
	
Signature of second inventor	May 16, 2001 Date of this assignment

Name of third inventor	Execution date of U.S. Patent Application
Residence of third inventor	
Signature of third inventor	Date of this assignment

Name of fourth inventor	Execution date of U.S. Patent Application
Residence of fourth inventor	
Signature of fourth inventor	Date of this assignment

Name of fifth inventor	Execution date of U.S. Patent Application
Residence of fifth inventor	
Signature of fifth inventor	Date of this assignment